

**To:** Berkoff, Michael[berkoff.michael@epa.gov]  
**Cc:** Rik Lantz[rlantz@scst.com]  
**From:** JD Campbell  
**Sent:** Tue 7/19/2016 1:42:03 PM  
**Subject:** RE: table comparing the three zones  
removed.txt

Michael,

Jacki is working to complete the first revision that Rik explained a few minutes ago. Jacki had an idea of the need from your email last night.

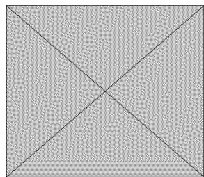
Jacki will call you soon when she has this table revised. Apparently you have also asked for Hazardous Material also and she indicated to me that she had not yet assembled those data. She will work on that and let you know the timing of the Hazardous Material info being available.

Regards, J. D.

**J. D. Campbell, Ph.D., P.E.**

**Principal Engineer**

**Director of Environmental Division**



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**From:** Berkoff, Michael [mailto:berkoff.michael@epa.gov]

**Sent:** Tuesday, July 19, 2016 8:38 AM

**To:** JD Campbell <jdcampbell@scst.com>

**Cc:** Rik Lantz <rlantz@scst.com>

**Subject:** RE: table comparing the three zones

Rik and I spoke and I understood more of what he was trying to convey in the table. I tweaked it a bit and just bounced it back. Right now, I think that there are just a few blanks to fill-in. I'll call in a bit.

**From:** JD Campbell [mailto:jdcampbell@scst.com]

**Sent:** Monday, July 18, 2016 10:42 PM

**To:** Berkoff, Michael <berkoff.michael@epa.gov>

**Cc:** Rik Lantz <rlantz@scst.com>

**Subject:** Re: table comparing the three zones

Michael,

I can assist in the morning. Let's conference with Rik by phone early. He will leave his home about 8:30 am for a rental car.

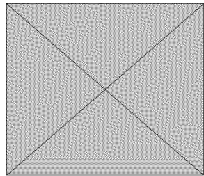
Sarah has your recent edits of the presentation on the FTP site. That is my understanding as of noon today. Please see if that is current. Sarah can help tomorrow if needed for more revisions.

Regards, J. D.

**J. D. Campbell, Ph.D., P.E.**

**Principal Engineer**

**Director of Environmental Division**



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On Jul 18, 2016, at 10:22 PM, Berkoff, Michael <[berkoff.michael@epa.gov](mailto:berkoff.michael@epa.gov)> wrote:

I think that Rik is on the road first thing. If Rik is not available can you help me get this in order. It needs to be more user friendly. Not sure what the averages mean. With averages, I was really looking for what is the average at each depth not in each category at each depth.

The message here is supposed to be Zone 1 is worse than Zones 2 and 3. Here are some ways that is very clear.

I am going to try and be in by 7:45.

Guys, I am also waiting on a revision to the presentation. What is the status?

**From:** Berkoff, Michael

**Sent:** Monday, July 18, 2016 9:39 PM

**To:** 'Jacki Shepherd' <[jshepherd@scst.com](mailto:jshepherd@scst.com)>; Rik Lantz <[rlantz@scst.com](mailto:rlantz@scst.com)>; Alex Kuszmaul <[akuszmaul@scst.com](mailto:akuszmaul@scst.com)>

**Subject:** RE: table comparing the three zones

Guys,

I need to talk about this absolutely first thing. I have some questions and some of this is not clear.

Are those above 1200 or 5000 included in the count of those above 400. Do they all add together to come up with a total?

I was hoping for more of a question and then give the answer for each zone.

1. What is the fraction of yards above 5000 0-6 in each zone
2. What is the fraction of yards above 1200 0-6 each zone
3. What is the fraction of yards that require cleanup?
4. Among total yards requiring remediation, what is the average concentration for each

zone at each horizon?

I made some edits to the table. Maybe the data needs to be presented in a couple ways.

**From:** Jacki Shepherd [<mailto:jshepherd@scst.com>]  
**Sent:** Monday, July 18, 2016 5:31 PM  
**To:** Berkoff, Michael <[berkoff.michael@epa.gov](mailto:berkoff.michael@epa.gov)>; Rik Lantz <[rlantz@scst.com](mailto:rlantz@scst.com)>; Alex Kuszmaul <[akuszmaul@scst.com](mailto:akuszmaul@scst.com)>  
**Subject:** RE: table comparing the three zones

The table showing the counts per yard are attached. I will recreate the table per property first thing in the morning.

-Jacki

**From:** Berkoff, Michael [<mailto:berkoff.michael@epa.gov>]  
**Sent:** Monday, July 18, 2016 4:51 PM  
**To:** Rik Lantz <[rlantz@scst.com](mailto:rlantz@scst.com)>; Jacki Shepherd <[jshepherd@scst.com](mailto:jshepherd@scst.com)>; Alex Kuszmaul <[akuszmaul@scst.com](mailto:akuszmaul@scst.com)>  
**Subject:** table comparing the three zones

Any update?

Michael Berkoff  
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<Copy of USS Lead percentage by zonemdb.xlsx>